

Role of the Med-Vet-Net Association



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Role of the Med-Vet-Net Association in OHEJP sustainability

Arjen van de Giessen

One Health EJP Final Meeting

Paris, 11-12 September 2023

One Health collaboration: crucial for effective prevention, detection and control of (emerging) zoonoses and AMR



What is the future of the One Health network?

- The OHEJP project has expanded the European One Health network and has given a huge boost to One Health collaboration in Europe!
- How to achieve sustainability of OHEJP outcomes and activities?
- How to maintain the European One Health network beyond the lifespan of OHEJP ?



WHAT OHRAS Activities

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The OHRAS consists of 6 activities, to be performed in a OH fashion:

- OH Signalling**
Share information on zoonotic events with relevant organisations across sectors.
- OH Risk assessment**
Scientific analysis of information on zoonotic hazards to provide risk managers with a risk estimate in a structured way.
- OH Feasibility assessment**
Weigh suggested measures to reduce zoonotic risks by taking into account factors such as practicality, proportionality and acceptability, for/with relevant stakeholders.
- OH Risk management**
Coordinate decision making on measures to prevent and control the effects of zoonotic diseases.
- OH Risk communication**
Provide coordinated messages about the outcome of the OHRAS activities to the public at risk as well as other relevant stakeholders.
- OH Governance**
Give vision and direction to the activities of OHRAS ensuring clear and supported ways of working.

Terms of Reference (ToR)
Guidance to draw ToR per activity is given.

Tools
Tools are available to support each OHRAS activity.

Website
Guidelines for setting up a OHRAS. Development by OHEJP project COHESIVE. Will be announced at: www.onehealth.eu/jip-cohesive

COHESIVE is part of the One Health European Joint Programme (EJP). The project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 711905.

One Health in future EU partnerships and programmes



Horizon Europe

EU4Health

Public health

Animal / food / environment

EUP Pandemic Preparedness

EUP AMR One Health

United4Surveillance

Durable

One Health

EUP Animal Health & Welfare

EUP Sustainable Food Systems

EUP Biodiversa

One Health surveillance for cross-border pathogens

European funding of One Health research, development, innovation, networking and training

Horizon Europe programme Cluster 1 and Cluster 6

COST (European Cooperation in Science and Technology)

Marie Skłodowska-Curie Actions, EMBO and other grants

SDG: Policy Framework and Impact Logic for Horizon Europe

Erasmus+ and Erasmus Intern

LIFE Programme

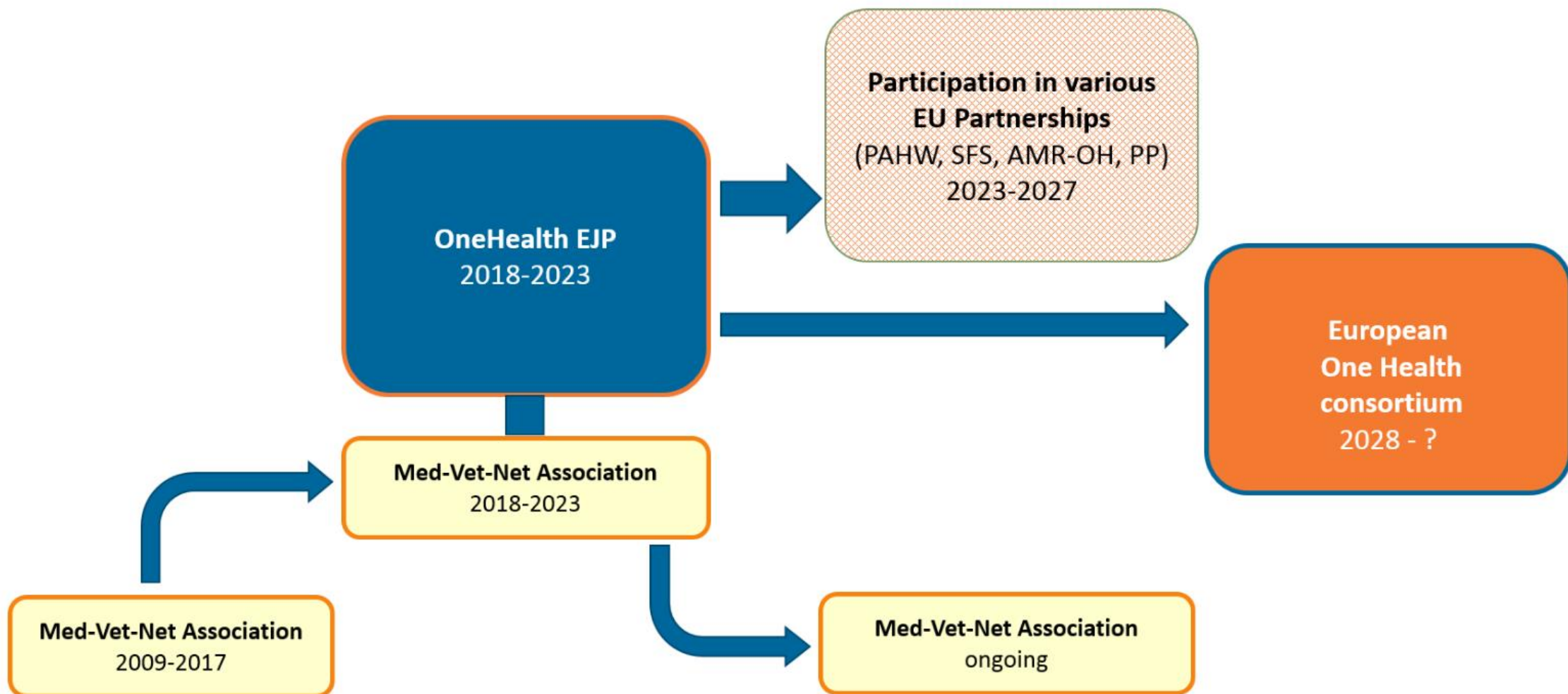
EU4Health programme 2021-2027

European Commission

EU4Health programme
for a healthier and safer Union

#EUBudget #EU4Health

Perspectives for the future of One Health EJP



What could be the role of the Med-Vet-Net Association?



- The Med-Vet-Net Association is an **integrated European network** of public and academic institutions with national reference functions in the medical/public health (Med) and food/veterinary (Vet) domains, **fostering One Health research** on zoonotic infectious diseases and AMR and pursuing integration of expertise and harmonization of methodologies to reinforce the joint EU capacity **to prevent, detect and control zoonoses and AMR.**

Med-Vet-Net Association: history



Network for prevention and control of zoonoses

Fact Sheet **Results in Brief** Reporting



Controlling animal to human disease transmission

EU-funded scientists established a highly successful collaboration regarding prevention and control of diseases transferred from animals to humans. Outcomes promise to significantly enhance consumer safety related to food-borne diseases.



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Project Information

MED-VET-NET

Grant agreement ID: 506122



Start date

1 September 2004

End date

31 October 2009

Funded under
FP6-FOOD

Overall budget
€ 14 400 000

EU contribution
€ 14 400 000



Coordinated by

AGENCE NATIONALE DE SÉCURITÉ SANITAIRE DE
L'ALIMENTATION, DE L'ENVIRONNEMENT ET DU
TRAVAIL



- MED-VET-NET Network of Excellence, 2004-2009, FP6-FOOD
- Med-Vet-Net Association, 2009 – now, self-sustained
- One Health European Joint Programme, 2018-2023, Horizon 2020

Med-Vet-Net Association: current status



- 24 scientific member institutions from 16 European countries
- <https://www.mvnassociation.org>





MVNA members 2023

24 members
16 countries

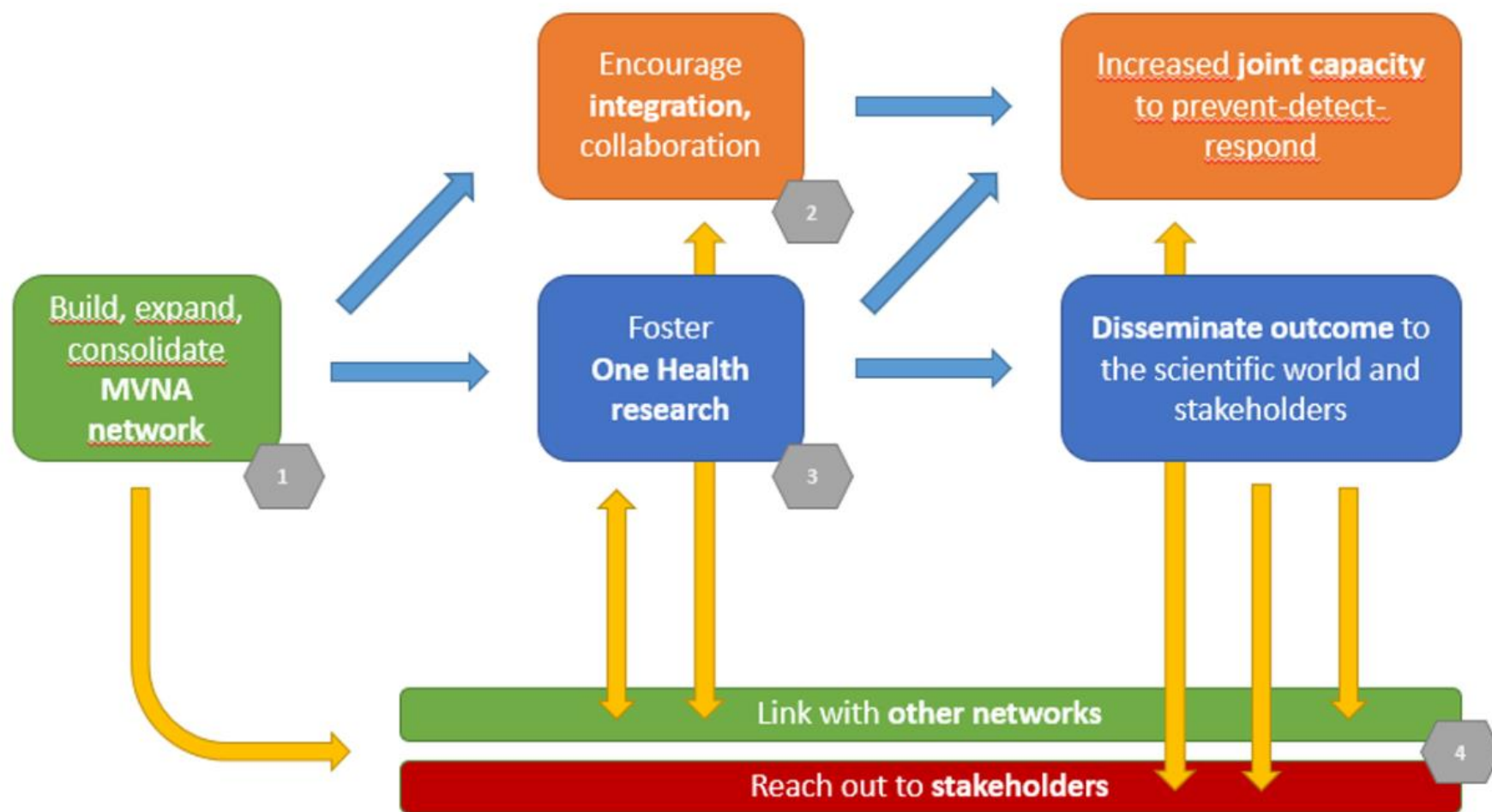


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- IE: NUIG
- IT: ISS
- NL: WBVR
- NL: RIVM
- NO: NVI
- NO: FHI
- PL: PIWET

- SE: SVA
- UK: APHA
- UK: UoS
- SR: Pasteur Inst. NS
- NL: WFSR
- GE: GNHI
- GE: SRCA



Med-Vet-Net Association: strategic goals

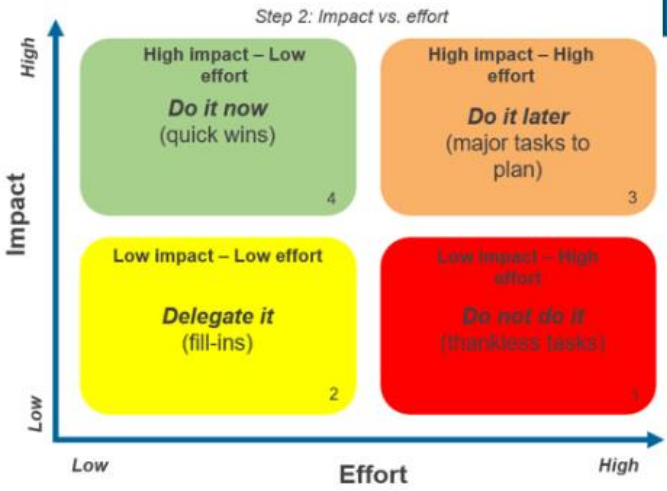
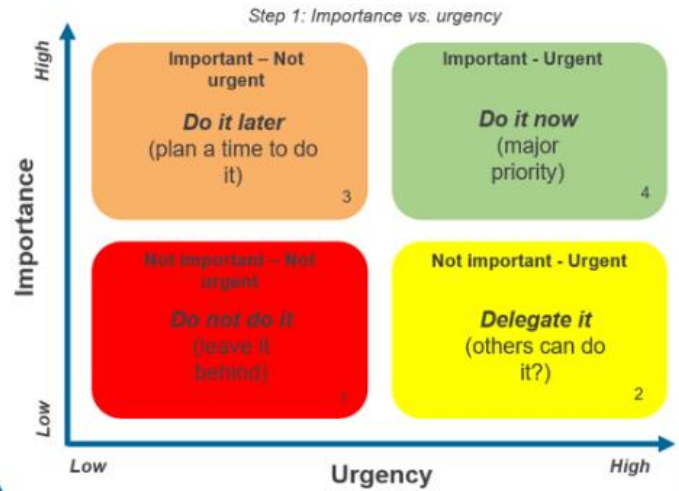




MVNA-OHEJP meeting 22-23 March, Vienna: prioritizing OHEJP sustainability needs in relation to MVNA strategic priorities



One Health EJP outcome/activity to be sustained	How the outcome or activity could be sustained, potential instruments and opportunities that could be applied to achieve sustainability
<i>Collaboration, communication, advocacy and policy</i>	
A	The One Health EJP network MedVetNet Association Advocate to launch a European One Health consortium/network, possibly with funding from Horizon Europe or a Coordination and Support Action.
B	Synergies and complementarities with other One Health actors Links with other JPis or relevant initiatives, European Partnerships PREZODE, ERRAZE, ZODIAC, Epizone, STAR-IDAZ, Collaborative Working Group on European Animal Health & Welfare Research, MedVetNet Association.
C	Promoting the environmental pillar of One Health Any (future) One Health initiative should stress the importance of the environment for One Health (e.g. MedVetNet Association, EUP Biodiversa).
D	Consolidating interactions with stakeholders Continue communication with stakeholders, building on the privileged interaction of the One Health EJP with national stakeholders and international bodies like ECDC, EFSA, WOAH, FAO.
E	International One Health aspects beyond EU Interaction with international bodies and integration of One Health aspects in existing and future international projects (PREZODE, STAR-IDAZ, etc.). Promotion and development of One Health research in Europe and globally.
F	Advocacy for One Health Communication with Programme Committees of Horizon Europe and future funding programmes. National funding organisations. All actors, also non-EJP members, should be



- Prioritized OHEJP sustainability needs:**
1. Consolidating and expanding the European One Health network
 2. One Health cross-sector collaboration
 3. Communication to target audiences
 4. Consolidating interactions with stakeholders



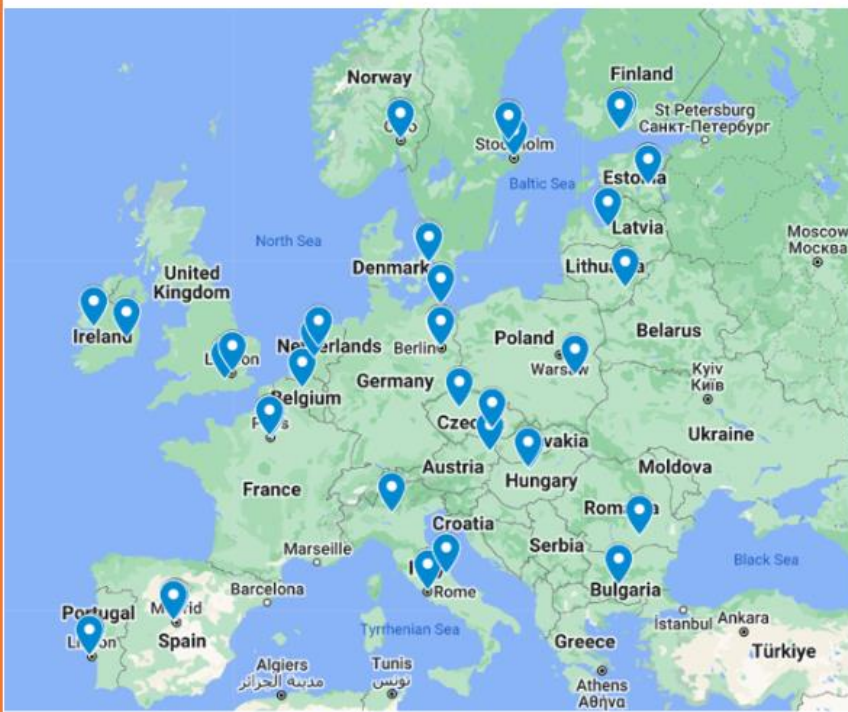
How could MVNA contribute to sustainability of OHEJP activities?

1. Consolidating and expanding the European One Health network

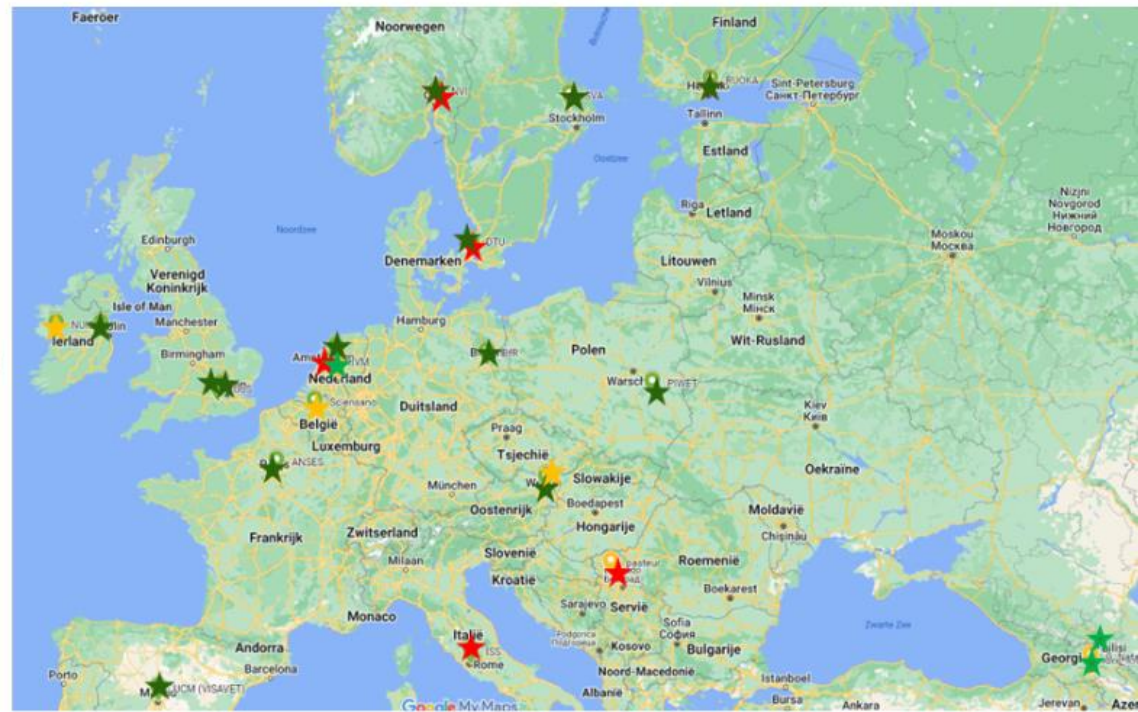
Possibilities?

- To expand the MVNA network with **OHEJP partners** (who are not yet members)
- To include **MED and VET institutes** from all European countries
- To include **environmental organizations**
- To explore possibilities to integrate **socio-economic aspects**
- To organize **annual scientific meetings**

OHEJP: 44 partners in 22 countries



MVNA: 24 members in 16 countries



How could MVNA contribute to sustainability of OHEJP activities?

2. promoting One Health cross-sector collaboration

Possibilities?

- To provide an **umbrella website**/portal for sustainable online OHEJP outcomes (websites, documents, databases, tools, etc)
- To organize **short term missions and workshops**
- To provide One Health **education and training** opportunities
- **To follow up specific OHEJP activities**, e.g. training modules for developing One Health risk analysis structures at the national level (COHESIVE)

MVNA Workshop: SARS-CoV-2 at the Human-Animal Interface

Wednesday 1 September 2021 | 08:30 - 18:30 BST
 Eventbrite link: <https://www.eventbrite.co.uk/e/mvna-workshop-sars-cov-2-at-the-human-animal-interface-tickets-167434744899>

Speakers

- **Joe James:** Tools to study SARS-CoV-2: Virology, serology and animal models
- **Rachel Taylor:** Assessing the risk of human travel to the spread of SARS-CoV-2 and preparing for the next Disease X
- **Elodie Monchatre-Leroy:** Intranasal type I Interferon treatment in the SARS-CoV-2 hamster model
- **Wim H.M. van der Poel:** Study of SARS-CoV-2 in mink, a One Health approach
- **Carlos Goncalo das Neves:** Escaping the Era of Pandemics: the power of One Health and the need for a transformative change
- **Sophie Lepoder:** Epidemiological role of domestic animals in SARS-CoV-2 transmission: where are we?
- **Richard Delahay:** Assessing the risks of SARS-CoV-2 in wildlife
- **Gabriele Vaccari:** Circulation of Coronaviruses in wild animals in Northern Italy
- **Fabian Lean:** The pathology of SARS-CoV-2 and tools to study host range
- **Julian Hiscox:** A comparison of SARS-CoV-2 infection in human and animal models
- **Daniel Horton:** Quantifying antigenic variation between Sars-CoV-2 variants

Please register for the MVNA workshop through the Eventbrite link attached above (zoom details for workshop included with registration). A link to the JMM editorial meeting report (by S.M. Brookes) will follow shortly after the workshop for those interested.

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<p>Terms of Reference (ToR) </p> <p>Guidance to draw ToR per activity is given.</p>	<p>Tools </p> <p>Tools are available to support each OHRAS activity.</p>	<p>Website </p> <p>Guidelines for setting up a OHRAS. Development by OHEJP project COHESIVE. Will be announced at: www.onhealth.ejp.eu/jip-cohesive</p>

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MVNA: One Health interface between EU initiatives?



Horizon Europe

EU4Health

Public health

Animal / food / environment



How could MVNA contribute to sustainability of OHEJP activities?

3/4. Consolidating interactions with stakeholders and communication to target audiences

Possibilities?

- To support stakeholders in promoting One Health in EU and EU candidate countries
- To continue sharing information with target audiences to foster One Health collaboration

AUDIENCE	INFORMATION	COMMS FUNCTION	COMMS OBJECTIVES	COMMS CHANNEL
One Health EJP Partners	All internal and external communications.	Maintain good relationships and lines of communication.	Foster integrative and collaborative work approaches. Demonstrate One Health EJP impact/scientific outcomes. Demonstrate use of funds.	Website, social media, newsletters, email marketing, editorial, conferences, PR.
Stakeholders	Internal and external (relevant) communications.	Maintain good relationships and lines of communication.	Transparency of project and progress. Demonstrate use of Grant. Demonstrate One Health EJP impact/scientific outcomes.	Website, social media, newsletters, editorial, conferences, PR.
Policy Makers	External communications.	Brand awareness. Foster relationships to grow network. Sustainability of project. To affect change.	To inform and open dialogue. Demonstrate One Health EJP impact/scientific outcomes.	Social media, website, external newsletter, editorial, PR.
International bodies	External communications.	Brand awareness. Foster relationships.	To inform.	Social media, website, external newsletter, editorial, PR.
Scientists-external	External professional communications.	Brand awareness. Foster relationships.	To inform.	Social media, editorial, website, external news, email marketing, networking, conferences, PR.
Healthcare Professionals-external	External professional communications.	Brand awareness. Foster relationships.	To inform.	Social media, editorial, website, external news, email marketing, networking, conferences, PR.
Students, Early Career Researchers	External communications.	Brand awareness. Create the next generation of One Health EJP collaborators and One Health scientists.	To inform, educate and inspire.	Social media, website, editorial, email, marketing, networking, conferences.



ENGAGEMENT AND EXTERNAL RELATIONS UNIT

ONE HEALTH Module for IPA beneficiaries

CUE Hotel, Podgorica, 16-17 May 2023 9:00-17:00





Conclusions

- Prevention, preparedness and response to zoonoses and antimicrobial resistance call for a sustainable and comprehensive **One Health approach**
- A **future European One Health consortium**, capitalizing on the One Health EJP and including the environmental sector, would be the best way to support this approach
- In the coming years, **several EU initiatives endorsing the One Health approach** will contribute to the sustainability of OHEJP activities, although they do not provide full and coherent One Health coverage of current and emerging issues
- The **MVNA can make an important contribution to the sustainability of OHEJP** by consolidating and expanding the One Health network, providing a One Health interface between EU partnerships, and fostering One Health collaboration in Europe.

Thank you for your
attention!



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